

UBE Nylon 1020S

Polyamide 6



General

Generic identification and marking	PA6-FR(30)
Market example	Automotive
Application example	Wire & Cable
Processing example	Injection molding
Elemental Technology	Heat resistant, Flame retardant, High oxygen index
Production area	Japan, Thailand
Development product	Not applicable

Mechanical property

	Unit	Test standard	Typical value
Tensile strength	MPa	ISO527-1,2	87
Tensile strain at break	%	ISO527-1,2	13
Flexural strength	MPa	ISO178	115
Flexural modulus	MPa	ISO178	2900
Charpy notched impact strength	kJ/m ²	ISO179-1/1eA	5

Thermal property

	Unit	Test standard	Typical value
Melting temperature	°C	ISO11357	215-225

Electrical property

Molding property

Other property

	Unit	Test standard	Typical value
Density	g/cm ³	ISO1183	1.14

Remarks

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* The data described herein are averaged values obtained by specified measurement: they are not guaranteed figures.

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* UBE highly recommends to read the Safety Data Sheet “SDS” before using UBE products to ensure your safety.

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